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\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS	3	AUG 06	FSTA enhanced with new thesaurus edition
NEWS	4	AUG 13	CA/Capplus enhanced with additional kind codes for granted patents
NEWS	5	AUG 20	CA/Capplus enhanced with CAS indexing in pre-1907 records
NEWS	6	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	7	AUG 27	USPATOLD now available on STN
NEWS	8	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS	9	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS	10	SEP 13	FORIS renamed to SOFIS
NEWS	11	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS	12	SEP 17	CA/Capplus enhanced with printed CA page images from 1967-1998
NEWS	13	SEP 17	Caplus coverage extended to include traditional medicine patents
NEWS	14	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	15	OCT 02	CA/Capplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS	16	OCT 19	BEILSTEIN updated with new compounds
NEWS	17	NOV 15	Derwent Indian patent publication number format enhanced
NEWS	18	NOV 19	WPIX enhanced with XML display format
NEWS	19	NOV 30	ICSD reloaded with enhancements
NEWS	20	DEC 04	LINPADOCDB now available on STN
NEWS	21	DEC 14	BEILSTEIN pricing structure to change
NEWS	22	DEC 17	USPATOLD added to additional database clusters
NEWS	23	DEC 17	IMSDRUGCONF removed from database clusters and STN
NEWS	24	DEC 17	DGENE now includes more than 10 million sequences
NEWS	25	DEC 17	TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment
NEWS	26	DEC 17	MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
NEWS	27	DEC 17	CA/Capplus enhanced with new custom IPC display formats
NEWS	28	DEC 17	STN Viewer enhanced with full-text patent content from USPATOLD
NEWS	29	JAN 02	STN pricing information for 2008 now available
NEWS	30	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	31	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	32	JAN 28	MARPAT searching enhanced
NEWS	33	JAN 28	USGENE now provides USPTO sequence data within 3 days

of publication  
 NEWS 34 JAN 28 TOXCENTER enhanced with reloaded MEDLINE segment  
 NEWS 35 JAN 28 MEDLINE and LMEDLINE reloaded with enhancements  
 NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2,  
 CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
 AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.  
 NEWS HOURS STN Operating Hours Plus Help Desk Availability  
 NEWS LOGIN Welcome Banner and News Items  
 NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 06:54:46 ON 04 FEB 2008

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 06:54:57 ON 04 FEB 2008

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 3 FEB 2008 HIGHEST RN 1001389-12-3

DICTIONARY FILE UPDATES: 3 FEB 2008 HIGHEST RN 1001389-12-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

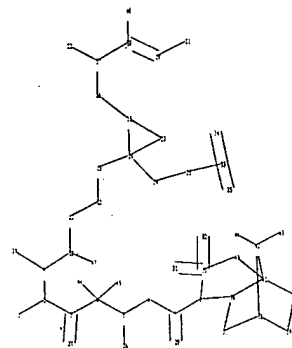
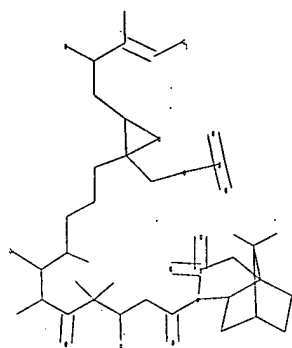
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10526283\Struc 2.str



chain nodes :

1 2 3 4 5 6 7 9 10 11 12 13 16 17 18 19 21 22 24 25 26 27 28  
29 31 32 33 34 35 43 44 45 46 47 48

ring nodes :

8 14 15 23 30 36 37 38 39 40 41 42 49

chain bonds :

1-2 2-3 2-9 3-4 3-27 4-5 4-45 4-46 5-6 5-26 6-7 7-8 7-28 9-10 9-29  
10-11 10-47 11-12 12-13 13-14 14-24 15-16 16-17 17-18 17-22 18-19 18-48  
19-21 24-25 25-33 30-31 30-32 33-34 33-35 42-43 42-44

ring bonds :

8-30 8-36 14-15 14-23 15-23 30-49 36-37 36-41 37-38 38-39 38-42 39-40  
40-41 41-42 41-49

exact/norm bonds :

3-27 5-26 7-8 7-28 8-30 8-36 9-29 14-15 14-23 15-23 17-22 19-21 24-25  
25-33 30-31 30-32 30-49 33-34 33-35 36-37 36-41 37-38 38-39 38-42 39-40  
40-41 41-42 41-49

exact bonds :

1-2 2-3 2-9 3-4 4-5 4-45 4-46 5-6 6-7 9-10 10-11 10-47 11-12 12-13  
13-14 14-24 15-16 16-17 17-18 18-19 18-48 42-43 42-44

G1:Cb,Cy,Hy

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:Atom 9:CLASS  
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:Atom 15:Atom 16:CLASS 17:CLASS  
18:CLASS 19:CLASS 21:CLASS 22:CLASS 23:Atom 24:CLASS 25:CLASS 26:CLASS  
27:CLASS 28:CLASS 29:CLASS 30:Atom 31:CLASS 32:CLASS 33:CLASS 34:CLASS  
35:CLASS 36:Atom 37:Atom 38:Atom 39:Atom 40:Atom 41:Atom 42:Atom 43:CLASS  
44:CLASS 45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:Atom

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> l1

SAMPLE SEARCH INITIATED 06:55:13 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 0 TO 0  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> l1 full

FULL SEARCH INITIATED 06:55:16 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS 2 ANSWERS  
SEARCH TIME: 00.00.01

L3 2 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	178.36	178.57

FILE 'CAPLUS' ENTERED AT 06:55:20 ON 04 FEB 2008

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FILE COVERS 1907 - 4 Feb 2008 VOL 148 ISS 6  
FILE LAST UPDATED: 3 Feb 2008 (20080203/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> l3

L4 1 L3

=> d ibib abs hitstr 1

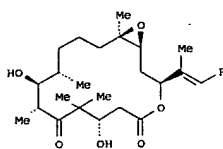
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:252519 CAPLUS  
 DOCUMENT NUMBER: 140:253380  
 TITLE: A new process for the preparation of epothilone derivatives, new epothilone derivatives as well as new intermediate products for the process and the methods of preparing same  
 INVENTOR(S): Koch, Guido; Loiseleur, Olivier  
 PATENT ASSIGNEE(S): Novartis Ag, Switz.; Novartis Pharma GmbH  
 SOURCE: PCT Int. Appl., 60 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004024735	A2	20040325	WO 2003-EP10171	20030912
WO 2004024735	A3	20040722		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SV, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW				
RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
CA 2497119	A1	20040325	CA 2003-2497119	20030912
AU 2003267349	A1	20040430	AU 2003-267349	20030912
EP 1539768	A2	20050615	EP 2003-748015	20030912
EP 1539768	B1	20070919		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003014263	A	20050705	BR 2003-14263	20030912
CN 1681824	A	20051012	CN 2003-821583	20030912
JP 2006511469	T	20060406	JP 2004-535499	20030912
AT 373663	A2	20071015	AT 2003-748015	20030912
IN 2005CN00364	A	20070330	IN 2005-CN364	20050310
MX 2005PA02785	A	20050603	MX 2005-PA2785	20050311
NO 2005001794	A	20050412	NO 2005-1794	20050412
US 2005106073	A1	20060518	US 2005-526283	20050901
PRIORITY APPLN. INFO.: GB 2002-21312 A 20020912				
WO 2003-EP10171 W 20030912				

OTHER SOURCE(S): MARPAT 140:253380  
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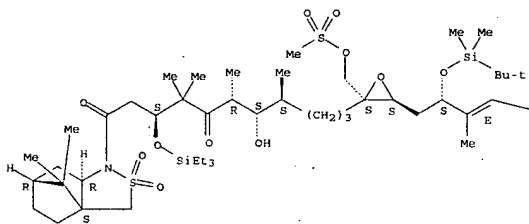
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



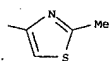
AB The present invention provides a synthesis for the preparation of epothilone derivs. of formula I (R = (un)substituted aryl, (un)substituted heteroaryl or (un)substituted heterocyclic radical fused to a benzene nucleus), salts thereof, and intermediates for the synthesis of a compound of formula I.  
 IT 671207-38-8P 671207-39-9P  
 RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (process for the preparation of epothilone derivs., new epothilone derivs. as well as new intermediate products for the process and the methods of preparing same)  
 RN 671207-38-8 CAPLUS  
 CN 3H-3a,6-Methano-2,1-benzisothiazole, 1-[(3S,6R,7S,8S)-11-[(2S,3S)-3-[(2S,3E)-2-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]-3-methyl-4-(2-methyl-4-thiazolyl)]-3-butenyl]-2-[[[methylsulfonyl]oxy]methyl]oxiranyl]-7-hydroxy-4,4,6,8-tetramethyl-1,5-dioxo-3-[[[triethylsilyl]oxy]undecyl]hexahydro-8,8-dimethyl-, 2,2-dioxide, (3aS,6R,7aR)- (9CI) (CA INDEX NAME)  
 Absolute stereochemistry.  
 Double bond geometry as shown.

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

PAGE 1-A



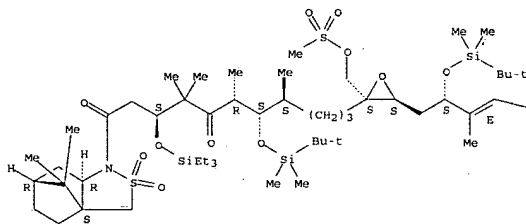
PAGE 1-B



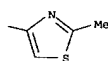
RN 671207-39-9 CAPLUS  
 CN 3H-3a,6-Methano-2,1-benzisothiazole, 1-[(3S,6R,7S,8S)-7-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]-11-[(2S,3S)-3-[(2S,3E)-2-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]-3-methyl-4-(2-methyl-4-thiazolyl)]-3-butenyl]-2-[[[methylsulfonyl]oxy]methyl]oxiranyl]-4,4,6,8-tetramethyl-1,5-dioxo-3-[[[triethylsilyl]oxy]undecyl]hexahydro-8,8-dimethyl-, 2,2-dioxide, (3aS,6R,7aR)- (9CI) (CA INDEX NAME)  
 Absolute stereochemistry.  
 Double bond geometry as shown.

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

PAGE 1-A



PAGE 1-B



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=> log y

COST IN U.S. DOLLARS

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TOTAL

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SESSION

FULL ESTIMATED COST

5.93

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

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-0.80

STN INTERNATIONAL LOGOFF AT 06:55:44 ON 04 FEB 2008